

Abstract

5 An apparatus for validating the presence of an authorized accessory of the apparatus includes an integrated circuit which stores a secret key K , is configured to define a random number generator which returns R and is configured to apply a function $F[R]$ to return $F_K[R]$, based on the secret key K . The apparatus includes a control system which is configured to request $F_K[R]$ from the integrated circuit and from a further integrated circuit positioned on the accessory and to compare $F_K[R]$ from both the integrated circuits.

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